# BELT AND BRACES FLOOR SPECIFICATION

## DAY 1

1. Before commencing work assess all substrates for potential issues (moisture and movement). Determine the moisture content of screeds using a 'Tramex' gauge, and ensure the underfloor heating system has been commissioned fully if present. Look for large cracks and areas of weakness that will need to be repaired.

2. Prepare all surfaces by method of diamond grinding, ensuring that any laitance is fully removed.

3. Widen out any cracks that need to be repaired using a diamond cutting disc and install stainless steel crack bars where needed. Hoover out all repairs thoroughly and fill using **FORPRIME-DPM** mixed with Kiln dried sand to make a slurry.

4. Prime the entire floor with **FORPRIME-DPM** + blind with kiln dried sand if there is a risk of missing the over coat window.

## DAY 2

1. Sweep off loose sand if blinded and reclaim, ready to be used again.

2. Sand the floor lightly using a 100g Resin pad or a 60g Silicone Carbide pad to remove any high spots within the sand blind. Hoover thoroughly.

3. Install mesh using hot glue technique.

4. Install **FORPRIME-HB** into the mesh @ 1.5kg per m2 and fully blind with kiln dried sand until complete saturation (25kg of sand per 10m2).

## DAY 3

1. Sweep off loose sand if blinded and reclaim, ready to be used again.

2. Use metal bonded diamonds (30g – Medium Bond – Blue or yellow disc) to heavily flat down the first coat of **FORPRIME-HB**, removing any high spots or blisters. Carry out the same process to all edge and details areas using a 125mm grinder.

3. Thoroughly hoover off all areas before filling any defects with UPOL filler. Sand filler once dry and hoover the localised areas.

4. Install the second coat of **FORPRIME-HB** @ 1kg per m2 and fully blind with kiln dried sand until complete saturation (25kg of sand per 10m2).

## DAY 4

1.  Sweep off loose sand and reclaim.

2.  Flat down the second coat of **FORPRIME-HB**, this time using softer methods to ensure that minimal grinder marks are added to the surface. For this we recommend the large floor sander with metal drive plate attachment, a 50g resin floor pad, or 36g silicone carbide disc. Ensure the sand blind is smoothed sufficiently to avoid high consumption rates on the next coat.

3.  Thoroughly hoover off all areas.

4.  Install a coat of **MICRO-QUARTZ (COARSE)** at 400-500g per m2.

## DAY 5

1.  Heavy sand the first coat of **MICRO-QUARTZ (COARSE)** using a 100g resin floor pad.

2.  Thoroughly hoover off all areas.

3.  Install selected finish coat. **MICRO-QUARTZ (COARSE, MEDIUM OR SMOOTH)**

## DAY 6

1.  Sand the final coat to the desired level of smoothness. A 100g Resin floor pad should be suitable for all finishes, however a 200g can also be used where required. Adjust the sanding speed depending on the chosen product and style. Edge sanding with a 150mm sander may require a different grade of diamond to achieve the same finish as the floor sander. I.e a 50g 150mm when sanding down **MICRO-QUARTZ (COARSE).**

2.  Thoroughly hoover off all areas, then pass over with a microfibre mop until all residual dust is removed. Hoover again if required (very important stage).

3.  Install **FORSHIELD-FX** or **FORSHIELD-2KWB** depending on the chosen style. Allow to cure until touch dry / Walkable and apply a final coat of **FORSHIELD-2KWB.** Drying times are heavily dependant on temperature and air flow, but a good guide is 1 hour for **FORSHIELD-FX** and 3 hours for **FORSHIELD- 2KWB.**

## DAY 7 (OPTIONAL)

1.  Apply final coat of **FORSHIELD-2KWB** if only one coat was applied on Day 6.

2.  If two coats were applied on day 6, its good practice to check over the finished floor with the customer, ensuring they are happy and signing off any surface agreements or contracts.

3.  Ensure the customer is given the 'FORCRETE MICROCEMENT AFTERCARE' document and is aware of how to maintain their new floor. In particular discuss the benefits of **FORCRETE-RENOVATOR** and apply the first coat if required.